

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR UTILITY PATENT APPLICATION**

Attorney's Docket No.

016660-021

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

ACETYLENE POLYMERS AND THEIR USE AS LIQUID CRYSTALS

the specification of which

(check one)

☐

is attached hereto;

☒

was filed on July 14, 1999 as

Application No. _____

and was amended on _____;
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

COMBINED DECLARATION AND POWER OF ATTORNEY			Attorney's Docket No. 016660-021																																																																																					
COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED																																																																																					
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<p>I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">William L. Mathis</td> <td style="width: 10%;">17,337</td> <td style="width: 33%;">R. Danny Huntington</td> <td style="width: 10%;">27,903</td> <td style="width: 14%;">Gerald F. Swiss</td> <td style="width: 10%;">30,113</td> </tr> <tr> <td>Robert S. Swecker</td> <td>19,885</td> <td>Eric H. Weisblatt</td> <td>30,505</td> <td>Michael J. Ure</td> <td>33,089</td> </tr> <tr> <td>Platon N. Mandros</td> <td>22,124</td> <td>James W. Peterson</td> <td>26,057</td> <td>Charles F. Wieland III</td> <td>33,096</td> </tr> <tr> <td>Benton S. Duffett, Jr.</td> <td>22,030</td> <td>Teresa Stanek Rea</td> <td>30,427</td> <td>Bruce T. Wieder</td> <td>33,815</td> </tr> <tr> <td>Norman H. Stepno</td> <td>22,716</td> <td>Robert E. Krebs</td> <td>25,885</td> <td>Todd R. Walters</td> <td>34,040</td> </tr> <tr> <td>Ronald L. Grudziecki</td> <td>24,970</td> <td>William C. Rowland</td> <td>30,888</td> <td>Ronni S. Jillions</td> <td>31,979</td> </tr> <tr> <td>Frederick G. Michaud, Jr.</td> <td>26,003</td> <td>T. Gene Dillahunt</td> <td>25,423</td> <td>Harold R. Brown III</td> <td>36,341</td> </tr> <tr> <td>Alan E. Kopecki</td> <td>25,813</td> <td>Patrick C. Keane</td> <td>32,858</td> <td>Allen R. Baum</td> <td>36,086</td> </tr> <tr> <td>Regis E. Slutter</td> <td>26,999</td> <td>Bruce J. Boggs, Jr.</td> <td>32,344</td> <td>Steven M. du Bois</td> <td>35,023</td> </tr> <tr> <td>Samuel C. Miller III</td> <td>27,360</td> <td>William H. Benz</td> <td>25,952</td> <td>Brian P. O'Shaughnessy</td> <td>32,747</td> </tr> <tr> <td>Robert G. Mukai</td> <td>28,531</td> <td>Peter K. Skiff</td> <td>31,917</td> <td></td> <td></td> </tr> <tr> <td>George A. Hovanec, Jr.</td> <td>28,223</td> <td>Richard J. McGrath</td> <td>29,195</td> <td></td> <td></td> </tr> <tr> <td>James A. LaBarre</td> <td>28,632</td> <td>Matthew L. Schneider</td> <td>32,814</td> <td></td> <td></td> </tr> <tr> <td>E. Joseph Gess</td> <td>28,510</td> <td>Michael G. Savage</td> <td>32,596</td> <td></td> <td></td> </tr> </table>					William L. Mathis	17,337	R. Danny Huntington	27,903	Gerald F. Swiss	30,113	Robert S. Swecker	19,885	Eric H. Weisblatt	30,505	Michael J. Ure	33,089	Platon N. Mandros	22,124	James W. Peterson	26,057	Charles F. Wieland III	33,096	Benton S. Duffett, Jr.	22,030	Teresa Stanek Rea	30,427	Bruce T. Wieder	33,815	Norman H. Stepno	22,716	Robert E. Krebs	25,885	Todd R. Walters	34,040	Ronald L. Grudziecki	24,970	William C. Rowland	30,888	Ronni S. Jillions	31,979	Frederick G. Michaud, Jr.	26,003	T. Gene Dillahunt	25,423	Harold R. Brown III	36,341	Alan E. Kopecki	25,813	Patrick C. Keane	32,858	Allen R. Baum	36,086	Regis E. Slutter	26,999	Bruce J. Boggs, Jr.	32,344	Steven M. du Bois	35,023	Samuel C. Miller III	27,360	William H. Benz	25,952	Brian P. O'Shaughnessy	32,747	Robert G. Mukai	28,531	Peter K. Skiff	31,917			George A. Hovanec, Jr.	28,223	Richard J. McGrath	29,195			James A. LaBarre	28,632	Matthew L. Schneider	32,814			E. Joseph Gess	28,510	Michael G. Savage	32,596		
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<p>Address all correspondence to: James A. LaBarre BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404</p>																																																																																								
<p>Address all telephone calls to: <u>James A. LaBarre</u> at (703) 836-6620.</p>																																																																																								
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>																																																																																								
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RESIDENCE - Room 1831, Fung Chak House, Choz Wan Estate, Kowloon, HONG KONG			CITIZENSHIP																																																																																					
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Xiangxing KONG																																																																																								
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FULL NAME OF FOURTH JOINT INVENTOR, IF ANY Hoi Sing KWOK		SIGNATURE	
RESIDENCE - Tower 7, 9B, Hong Kong University of Science & Technology, Clear Water Bay, Kowloon, HONG KONG		CITIZENSHIP	
POST OFFICE ADDRESS - Tower 7, 9B Hong Kong University of Science & Technology, Clear Water Bay, Kowloon, HONG KONG			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TENTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

PATENT APPLICATION ASSIGNMENT

WHEREAS, we, Ben Zhong TANG, having a correspondence address of Apt. 15, 1 University Road, HKUST, Clear Water Bay, Kowloon, Hong Kong, and Wing Yip LAM, having a correspondence address of Rm 1831, Fung Chak House, Choz Wan Estate, Kowloon, Hong Kong, and Xiangxing KONG, having a correspondence address of Block D, Flat 3A, Junior Staff Quarters, HKUST, Clear Water Bay, Kowloon, Hong Kong, and Hoi Sing KWOK, having a correspondence address of Tower 7, 9B, HKUST, Clear Water Bay, Kowloon, Hong Kong, have invented new and useful improvements in

Acetylene Polymers And Their Use As Liquid Crystals

for which application is being made for Letters Patent.


WHEREAS, The Hong Kong University of Science & Technology having a correspondence address at Clear Water Bay, Kowloon, Hong Kong, is desirous of acquiring our entire right, title and interest in said application and any Letters Patent which may issue thereon:

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said organization for the territory of the United States of America and the entire world our entire right, title and interest in and to said invention, patent application and patent, including all priority rights for patent applications foreign to the United States of America.

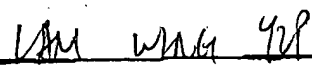
WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of said organization, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said organization.

IN TESTIMONY WHEREOF, we execute this assignment on the 29th day of October, 1999.

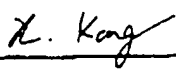
Date: 29th Oct. 1999


(signature of Ben Zhong TANG)

Date: 29th Oct. 1999


(signature of Wing Yip LAM)

Date: Oct. 29. 1999.


(signature of Xiangxing KONG)

Date: 29/10/99


(signature of Hoi Sing KWOK)